

# PATENT ABSTRACTS OF JAPAN

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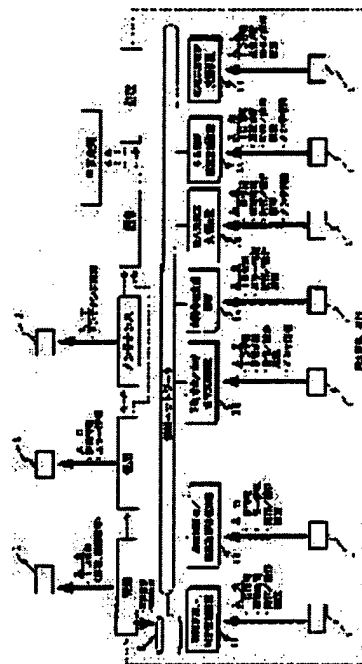
## (54) PRODUCT AND PART INDIVIDUAL INFORMATION SERVICE SYSTEM IN PRODUCT LIFE CYCLE

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To attain low costs in a whole life cycle by allowing a product and part itself to have individual management information.

**SOLUTION:** Information transfer among each processing of manufacture, use, maintenance, collection, and secondhand sales is operated by using information in an individual management storage device 1 provided in a product and data in an outside storage device 2 obtained through an information network. The outside storage device 2 is connected with an information network, connected with supporting devices 11-17 in each processing such as manufacture and maintenance or the like, and the necessary information of the supporting devices is

provided. Individual information such as material information or part constitution information is stored with the ID information of the product in a data base at the time of manufacture. Also, product history information such as the activation information and maintenance information of each product is stored in the product itself as individual management information. Then, information necessary for each processing support or the like is processed, judged, and outputted by sharing the data base, and using the individual management information in each step of a product life cycle.



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